

Title (en)

NOVEL METHOD FOR PREPARING SLIGHTLY COLOURED ALKYL POLYSACCHARIDES HAVING A LOW ACID BREAKDOWN PRODUCT CONTENT

Title (de)

NEUES VERFAHREN ZUR HERSTELLUNG VON SCHWACH GEFÄRSTEN ALKYL POLYOSIDEN UND MITGERINGEM GEHALT IN SAUREN ABBAUPRODUKTEN

Title (fr)

NOUVEAU PROCEDE DE PREPARATION D'ALKYL POLYOSIDES FAIBLEMENT COLORES ET A FAIBLE TENEUR EN PRODUITS DE DEGRADATION ACIDE

Publication

EP 0688328 A1 19951227 (FR)

Application

EP 94909171 A 19940310

Priority

- FR 9400263 W 19940310
- FR 9302877 A 19930312

Abstract (en)

[origin: US5681938A] PCT No. PCT/FR94/00263 Sec. 371 Date Sep. 11, 1995 Sec. 102(e) Date Sep. 11, 1995 PCT Filed Mar. 10, 1994 PCT Pub. No. WO94/20513 PCT Pub. Date Sep. 15, 1994A process for the preparation of an alkylpolyoside containing from 6 to 32 carbon atoms in its alkyl chain, by the steps of: a) reacting, in the presence of an acid catalyst, a saccharide or a source of saccharide with a fatty alcohol having a hydrocarbon chain containing at least 6 carbon atoms, or a lower alcohol of the formula $C_nH_{2n+1}OH$, in which n is an integer between 1 and 5, and a fatty alcohol having a hydrocarbon chain containing at least 6 carbon atoms; b) neutralizing the catalyst used in step a); and c) removing excess fatty alcohol. The neutralizing takes place using a neutralizing agent which is a tertiary amine of the formulae <IMAGE> (IA) or <IMAGE> (IB) in which: -m is an integer between 0 and 5; and R1, R2, R3, R4, R5 and R6, which are identical or different, are independently: an alkyl radical having from 1 to 6 carbon atoms, a hydroxyalkyl or dihydroxyalkyl radical having from 2 to 4 carbon atoms, a phenyl radical, or a radical of the formula $(C_nH_{2n+1}O)_xH$, in which n is an integer between 2 and 4 and x is an integer between 2 and 5. R1R2 may be taken together with the nitrogen atom to which they are attached to be a saturated or unsaturated, substituted or unsubstituted heterocycle having from 5 to 7 ring members and containing from 1 to 3 heteroatoms selected from oxygen, nitrogen and sulfur.

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C07H 15/04

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